ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

1947

KINGSCLERE AND WHITCHURCH

RURAL DISTRICT COUNCIL

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RURAL DISTRICT COUNCIL

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of the Council
are ex-officio Members of the Committee

KINGSCLERE AND WHITCHURCH

RURAL DISTRICT COUNCIL

Public Health Department

Staff

Medical Officer of Health

F. H. M. Dummer, M.B., Ch.B.,(St.And.)., D.P.H.(Lond.). (Resigned 31.12.57.)

A. C. Howard, M.D., B.S.(Lond.)., M.R.C.S., L.R.C.P., D.P.H. (Appointed 1.3.58.)

Chief Public Health Inspector and Surveyor

R. A. Over, A.R.S.H., M.A.P.H.I., A.M.I.S.E.

Deputy Chief Public Health Inspector and Surveyor

W. E. D. Smith, M.R.S.H., M.A.P.H.I.

Additional Public Health Inspector

W. C. Wagg, M.R.S.H., M.A.P.H.I.

Assistant Building Inspector

N. H. North, A.R.S.H., Aff. I Mun. E.

Medical Officer of Health Secretary(Andover)

Miss M. B. Lowman

General Clerk (Public Health Department)

Mrs. G. K. Child

Rodent Officer

H. Hopkins.

RURAL DISTRICT OF KINGSCLERE AND WHITCHURCH

PUBLIC HEALTH DEPARTMENT

To the Chairman and Members November, 1958.

of the Kingsclere and Whitchurch Rural District Council:

Mr. Chairman, My Lady, Ladies and Gentlemen,

I have the honour to present my first Annual Report as your Medical Officer of Health.

Since I did not take up the appointment until March this year, this Report for 1957 records events which occurred during the tenure of office of my predecessor, Dr. F.H.M. Dummer.

The Registrar-General's estimate of the mid-year population is 20,390, an increase of 1,040 over 1956.

The death rate of 9.6 per thousand population was lower than the national figure for England and Wales, and the birth rate at 24.6 per thousand was considerably higher than the national figure of 16.1.

The numbers of infectious diseases notified were higher than in the previous year - the increase being due to the predominance of measles.

The occurrence of a new Asian strain of Influenza A virus resulting in a pandemic of the disease caused some anxiety and considerable illness and inconvenience. Outbreaks were most marked in closed communities such as boarding schools and hospitals and new National Insurance claims for sickness benefit reached unusually high levels for the Autumn months of October and November. Fortunately - although the disease was by no means trivial and the case incidence was high, the mortality was not unduly so.

Perhaps the most significant national event in the field of environmental health was the accident at the Windscale Plant of the Atomic Energy Authority in October. Largely as a result of public concern and correspondence in the press, and also following the recommendation of the Fleck Committee subsequently appointed by the Government to consider aspects of health and safety in the Atomic Energy Authority, public attention was focussed on the potential dangers resulting from the ever increasing use of radio-active isotopes and other sources of radiation in modern life, and it was realised that the time had come to disseminate more widely a knowledge of the dangers and methods of control of radiation, in order that local authorities could understand the environmental hazards involved, and co-operate with other agencies in their control, and in the protection of the general population.

The Council has a special interest in these matters since the Aldermaston Establishment of the Atomic Energy Authority applied during the year to the Minister of Housing and Local Government for authority to discharge liquid mildly radioactive wastes into the Council's Tadley Sewage Works.

Whether we like it or not, this new technology has come to stay, and this country's economic position in the world will increasingly depend on further development of its potentialities.

I have to thank the Chief Public Health Inspector for his contribution to the report on the hygiene and sanitary circumstances of the District, and all the staff of the Public Health Department for their co-operation throughout the year.

I am, Mr. Chairman,

My Lady, Ladies and Gentlemen,

Your obedient Servant,

Medical Officer of Health.

General Statistics

Area (in acres)	77,394	(77,394)
Registrar General's estimate of mid-year population	20,390	(19,350)
Number of inhabited houses	6,493	(6,028)
Rateable Value	£195,275	(£187,548)
Sum represented by penny rate	£780.13s.7d.	(£767.8.7)

The Registrar General's estimate of the population of this district at the end of June, 1957, was 20,390, an increase of 1,040 on 1956. The net gain for 1957 of births over deaths was 274.

The population trend of Kingsclere and Whitchurch Rural District is as follows:-

1949	17,540	1953	19,130
1950	17,620	1954	19,000
1951	18,640	1955	19,180
1952	18,880	1956	19,350

1957 20,390

Vital Statistics

Births

	Male	Female
Total	257	225
Legitimate	238	213
Illegitimate	19	12

Birth Rate

	Kingsclere & Whitchurch Rural District	England & Wales
Live Births	23.7	16.1
Comparability Factor	1.04	
Corrected Rate	24.6	
Still Births	4.1	22.5

Deaths (All Causes)

	Male	Female
Total	103	105

Death Rate

	Kingsclere & Whitchurch Rural District	England & Wales
All Causes	10.2	11.5
Comparability Factor	0.94	
Corrected Rate	9.6	

Infant Mortality

Kingsclere & Whitchurch Rural District	England & Wales
31.1	23.1

Neonatal Mortality

Kingsclere & Whitchurch	England & Wales
20.7	16.5

(The Birth and Death Rates are calculated per 1000 of the population. The Infantile Mortality Rate is calculated per 1000 live births)

Vital Statistics

Births

(a) Live Birth Rate

Live births registered during 1957 amounted to 482, 257 boys and 225 girls. The live Birth Rate, corrected for age and sex distribution by the Registrar-General's comparibility factor was 24.6 per thousand population. The rate for England and Wales in 1957 was 16.1 per thousand.

(b) Still Birth Rate

The number of still-births was 2 only, giving a remarkably low still birth rate of 4.1 per thousand births, compared with the rate for England and Wales of 22.5 per thousand births.

(c) The Death Rate

The total number of deaths registered during the year was 208, of which 103 were males and 105 females.

This gives a local death rate, corrected by the Registrar-General's comparability factor for age and sex distribution of 9.6 per thousand population, which compares favourably with the National figure for England and Wales of 11.5 per thousand.

As in previous years, the chief causes of death were proportionately:-

(1) Diseases of the heart and circulatory system which were responsible for 36.7 per cent. - more than a quarter of these deaths being due to coronary artery disease.

(2) Cancers of various types were responsible for 17.3 per cent. Five of these deaths, all in males, were due to lung cancer.

(3) Vascular lesions of the central nervous system accounted for 16.8 per cent. and

(4) Respiratory diseases accounted for 5.3 per cent.

There were 2 deaths from influenza.

No deaths from infectious disease or tuberculosis were reported, and it is pleasing to record that no deaths were associated with childbirth.

The infantile mortality rate (i.e. the number of infant deaths recorded in the first year of life per 1,000 live births) was 31.1 per 1,000 and the neonatal death rate was 20.7. These figures compare unfavourably with the National rates, which were 23.1 and 16.5 respectively, although too much significance should not be assigned to such comparisons since the difference in the size of the populations at risk is so great.

Infectious Diseases

Apart from measles and whooping cough, of which 173 and 35 cases respectively were notified during the year, the incidence of infectious diseases in the district was low.

There were 6 cases notified of scarlet fever and 3 cases of erysipelas, which is caused by the same organism. The cases were all relatively mild and the scarlet fever occurred only in children under 10 years of age, while erysipelas occurred in those over 15 years.

One case of paralytic poliomyelitis was recorded in a girl aged 5 years.

There were no notifications of food poisoning or diphtheria.

National Assistance Act, 1948 - Section 47

No formal action was taken under this Section during the year.

Immunisation and Vaccination

During the year, immunisation and vaccination against small-pox, diphtheria and whooping cough continued both in general practitioners surgery and at County Council clinics. The efficacy of these protective procedures is now so well established that most parents readily accept them on behalf of their children. Nevertheless it is desirable to maintain a continuous immunity to diphtheria by giving re-inforcing injections to children of school age if the disease is to be kept under control. It still smoulders on in the country and during the year 1957 6 deaths were provisionally assigned to this cause in England and Wales.

In the same way, vaccination against small-pox is very desirable for all infants, since in these days of air travel the risk of importation of the disease from abroad has greatly increased, and primary vaccination of infants is less likely to lead to complications than when it is delayed to later in life.

It is pleasing to record that some 53.7 per cent. of babies born in Kingsclere and Whitchurch Rural District during 1957 were vaccinated before their first birthday as compared with 37.6 per cent. in 1956.

Vaccination against poliomyelitis was continued,using the new British vaccine, and was made available to all those who had been registered in 1956, and was later extended to all children born between 1947 and 1956, a total of 165 children in the Rural District receiving two injections.

Administration of Health Services

National Health Service Act, 1946.

The administration of these devolved services is carried out by the Andover and Kingsclere District Health Sub-Committee of the County Council.

The Committee has at its disposal a considerable amount of information on the health of the local districts and an important, if not spectacular side of the work, is the appointment of district nurses and the detailed knowledge of the work being undertaken in the respective districts.

Reports are submitted each meeting on infectious diseases, births and deaths, inspection of nurseries, immunisation and vaccination, midwifery and maternity services, home help services, nursing accommodation, and matters of health importance in which the three districts have a common interest.

ENVIRONMENTAL HYGIENE

In the pages that follow, the wide field of environmental hygiene is reported on and discussed in detail.

SUMMARY OF INSPECTIONS

Premises inspected under the Public Health Acts.	309
Houses inspected under the Housing Acts.	209
Inspection of houses for Improvement Grants.	266
Complaints investigated.	56
Interviews with owners.	71
Revisits to properties under notice.	8
Inspections of Factories.	12
Investigations into cases of infectious disease.	28
Premises disinfested.	9
Inspections of moveable dwellings.	245
Inspections in connection with Petroleum Acts.	4
Inspections of Restaurant kitchens.	30
Inspections of Preserved Food Premises.	2
Inspections of Foodshops.	61
Inspections under the Shops Acts.	23
Inspections of Butchers Shops.	17
Inspections of Ice Cream Premises.	8
Inspections of Bakehouses.	23
Inspections of Fried Fish Shops.	12
Inspections of Dairies.	23
Milk Samples.	19
Milk Bottle Samples.	10
Inspections of Knackers Yards.	40
Inspections of Private Slaughterhouses.	137
Inspections of new buildings, conversions, etc., including the testing of drains.	615
Inspections of premises under Building Byelaws.	213
Inspections of Sewage Works.	72
Inspections of Water Pumping Stations, etc.	69
Miscellaneous inspections.	316
Inspections under the Pests Act, 1949.	2,418
Total inspections	5,325

HOUSING

Number of Routine Inspections (Housing Act 1936) (Slum Clearance Survey)	309
Number of houses inspected under the Public Health Act 1936.	209
Number of houses considered unfit for human habitation.	7
Number of houses in which defects remedied due to informal action	37
Number of representations made to the Local Authority with a view to:- (a) the serving of notices requiring the execution of works (b) the making of Demolition or Closing Orders	7
Number of notices served requiring the execution of works.	4
Number of houses rendered fit after the service of Formal Notices.	2
Number of Demolition or Closing Orders made.	-
Number of houses in respect of which an undertaking was accepted under Sub-Section 2 of Section 19 of the Housing Act, 1936.	2
Number of houses demolished.	1

Square Gardens, Whitchurch.

During the year, the Minister of Housing and Local Government confirmed a Clearance Order without modification in respect of 15 houses in Square Gardens and Great Lane, Whitchurch. When the original survey was made in 1956, nine houses were occupied with a total number of occupants of 13. Of this number, 6 were old age pensioners.

This is the first Clearance Order to be made in this district since the war.

Private Building

56 houses were constructed by private enterprise in 1957 and are situated in the following parishes:-

Burghclere	3
Highclere	2
Kingsclere	10
Overton	4
Tadley	10
Whitchurch	8
Ecchinswell & Sydmonton	2
Baughurst	5
East Woodhay	9
Newtown	4

Plans submitted for Approval

(1)	Number of Plans submitted for the erection of new houses.	87
(2)	Number of houses proposed on these plans.	307
(3)	Number of Plans submitted for the alteration, extension, or modification of existing buildings.	250
(4)	Total number of plans submitted.	337
(5)	Number of plans approved (Byelaws only)	322

Fifteen plans were not subject to approval under the Council's Building Byelaws, being site plans only and these were forwarded to the County Planning Officer for approval under the Town and Country Planning Act, 1947.

Number of inspections carried out in connection with the supervision of Building Byelaws was - 828.

Housing Progress

The Council now own and control 1,161 dwellings, of which 19 are hutted camp dwellings at Tadley.

Four new dwellings were completed during the year as follows:-

	Houses	Bungalows	Flats	Total
The Knowlings, Whitchurch.	4	-	-	4

The 19 hutted camp dwellings at Tadley are rapidly deteriorating and the Housing Committee are proposing to build 20 houses at Gravelly Close, Tadley, to house the occupants of these dwellings. Sanction for this is to be obtained from the Ministry of Housing and Local Government.

Rehousing during the Year

Vacancies in pre-1945 dwellings	8
Vacancies in post-1945 dwellings	43
New building allocations	4
Transfers	28
Exchanges	8
Vacancies in hutted camps	3
Total	94

Applicants for houses

The Register of Housing Applicants was not revised during the year and the lis's have gradually increased.

1st January 1957	-	346 names were on the Register.
31st December 1957	-	424 names were on the Register.

Housing Act 1949 - Improvement Grants.

Applications for Improvement Grants were received in respect of 65 properties. Of this number, one application was refused because the house was not considered suitable for improvement. Grants were made in respect of 64 properties amounting to £17,869. 11. 5d.

Properties for which grants were made are situated in the following parishes:-

Ashmansworth	-	2
Baughurst	-	4
Burghclere	-	5
East Woodhay	-	9
Ecchinswell & Sydmonton	-	2
Highclere	-	1
Hurstbourne Priors	-	1
Kingsclere	-	15
Litchfield & Woodcott	-	2
Newtown		2
Overton		6
St. Mary Bourne		5
Tadley		3
Whitchurch		7

Housing Act 1949
Loans to purchase new and existing houses.

The Council received 30 applications for loans to purchase houses. Of these, 30 applications, 14 were for new dwellings, the sum loaned being £24,395, and 16 were for existing dwellings involving loans of £21,315.

The total amount loaned was £45,710.

Moveable Dwellings (Public Health Act 1936, Section 269)

There are six licensed caravan sites in the Rural District, situated as follows:-

Tadley	Licensed for 61 caravans
Picket Piece, St. Mary Bourne	Licensed for 12 caravans
Overton	Licensed for 20 caravans
Whitchurch	Licensed for 12 caravans
Trevett, Headley	Licensed for 12 caravans
Pearce, Headley	Licensed for 3 caravans

During the year, permission was given for moveable dwellings to be stationed in the district as follows:-

Area	No. Licensed	No. Removed	Remaining at end of year
Whitchurch	4	2	2
Headley	1	-	1
Newtown	1	-	1
St. Mary Bourne	1	-	1
Tadley	24	8	16
Kingsclere	11	2	9
Overton	3	1	2
Highclere	2	-	2
Headley	9	2	7
Ecchinswell	2	-	2
Hannington	1	1	-
Burghclere	3	2	1
Ashford Hill	2	-	2
Woolton Hill	8	1	7
Baughurst	4	1	3
Total	76	20	56

FOOD SUPPLIES

Dairies

The standard of cleanliness during the year has again been well maintained. Premises are situated as follows:-

Overton	-	3	Kingsclere	-	1
Whitchurch	-	1	East Woodhay	-	1

Milk (Special Designation) (Raw Milk) Regulations, 1949.

The number of licences issued during the year shows that 4 new licences were granted. Licences under the above Regulations were issued to 20 applicants, 8 of whom were selling from premises outside the district.

Licences issued to dairymen in the district are as follows:-

W. Trice, Ball Hill.
Swinford & Crowe, Overton.
H.A. Berry, Overton.
H.A. Job, Bishopswood Road, Tadley.
H.A. Job, Shop No. 4, Mulfords Hill, Tadley.
W. Horne & Sons, Whitchurch.
Smithers, Post Office Stores, Ashford Hill.
G.H.R. Nunn, Kingsclere.
E. Nightingale, Moores Farm, Overton.
S. Belcher, Post Office Stores, North Litchfield.
J. Mullen, Bungalow Stores, Heath End, Baughurst.

Licenses issued to dairymen residing outside the Rural District, but selling milk within the area are as follows:-

H.A. Job, 24, School Road, Tilehurst.
S.R. Meier, Down Grange Dairy, Basingstoke.
Heatherwold Dairy, Newbury.
Andover Co-operative Society Ltd., Bridge Street, Andover.
Hampshire Dairies Ltd., 4, Vyne Road, Basingstoke.
Andover Creameries Ltd., Andover.
Butler, Sandleford Dairy, Newbury.

Milk (Special Designation) (Pasteurised & Sterilised Milk) Regulations 1949.

Two dealers ceased to operate during the year and four new licences were issued.

A.H. Jenkins, Newtown.
W. Trice, Ball Hill.
Swinford and Crowe, Overton. +
H.A. Berry, Overton. +
H.A. Job Ltd., Bishopswood Road, Tadley. +
H.A. Job, Shop No. 4, Mulfords Hill, Tadley. +
W. Horne & Sons, Whitchurch.
Smithers, Post Office Stores, Ashford Hill.
G.H.R. Nunn, Kingsclere.
Andover Co-operative Society Ltd., Andover.
E. Nightingale, Moores Farm, Overton. +
S. Belcher, Post Office Stores, North Litchfield.
Ware & Sons, Test Vale Dairy, Whitchurch.
J. Mullen, Bungalow Stores, Heath End, Baughurst. +
Basingstoke Co-operative Society Ltd., Franklin Avenue, Tadley.

+ includes the retail of Sterilised milk.

Licences issued to dairymen residing outside the Rural District, but selling milk within the area are as follows:-

H.A. Job Ltd., 24, School Road, Tilehurst.
S.R. Meier, Down Grange Dairy, Basingstoke.
Heatherwold Dairy, Newbury.
Andover Co-operative Society Ltd., Andover. +
Lovells Dairy, Market Place, Andover.
Hampshire Dairies Ltd., 4, Vyne Road, Basingstoke.
Andover Creameries Ltd., Andover.
Butler, Sandleford Dairy, Newbury.
Veal, Tudor Dairies, Ashe Park, Nr. Overton.
Milk Marketing Board, Newbury.

+ includes the sale of Sterilised milk.

Milk Samples

In all, 31 samples of milk were taken during the year, together with 12 samples of milk containers. Five samples of milk proved to be unsatisfactory, three because of a fault in heating apparatus at the dairy concerned, and two because of inefficient cooling of the milk at the dairy farm.

Twice during the year, in August and November, complaints were received from a resident on the Atomic Weapons Research Estate at Tadley regarding dirty milk bottles. On each occasion, the same dairy was concerned. The laboratory report on the two bottles was similar, being that the milk satisfactorily passed the standard tests for pasteurised milk and that the culture showed only Aerobic spore bearing organisms with no coliforms present.

The Dairy, and the Wallingford Rural District Council, in whose district the pasteurising plant is situated, were contacted and it was found that every practicable precaution is taken to prevent incidents of this kind.

Food and Drugs Act 1957. Section 16.

There are 65 premises registered for the sale of pre-packed ice-cream and their distribution is as follows:-

Ashmansworth	-	1	Kingsclere	-	13
Baughurst	-	4	Newtown	-	1
Burghclere	-	2	Overton	-	8
East Woodhay	-	6	St. Mary Bourne	-	5
Ecchinswell	-	2	Tadley	-	6
Highclere	-	2	Whitchurch	-	15

No premises are licensed for the manufacture of ice cream within the district.

Condemnation of Diseased or Unsound Foodstuffs.

The number of visits paid to food premises during the year was 189, and as a result of those inspections the following foodstuffs were condemned:-

Fresh and frozen meat	-	57 lbs.	Fruit	-	10 lbs 14½ ozs.
Jam	-	21 lbs.	Milk	-	22 tins
Tinned Meat	-	81 lbs. 1 oz.	Other foodstuffs	-	8 lbs 12 ozs.
Vegetables	-	22 lbs. 1 oz.			

The foodstuffs were disposed of at the Council's Refuse Tips.

Slaughter of Animals (Amendment) Act 1954.

There are three private slaughterhouses licensed in the district, but only the one at Kingsclere is in use. At this slaughterhouse the following animals were inspected during the year:-

Bullocks	-	126
Heifers	-	49
Calves	-	32
Swine	-	295
Sheep	-	333
Lambs	-	231
Total	-	1,066

631 lbs. of meat, and 209 lbs. of offal were condemned during the period. The following diseased conditions were encountered and the number of cases of each are stated.

Abscesses	-	6
Bacterial infection	-	
(Generalised)	-	1
Cirrhosis	-	2
Fascioliasis	-	10
Fever	-	2
Lung and worms	-	1
Swine erysipelas	-	1
Telangiectasis	-	1
Tuberculosis	-	3
Ureamia	-	1

The total weight of unsound food condemned during the period was:-

9 cwts 1 qr 26 lbs 12½ ozs.

The slaughterhouse in Kingsclere is licensed by the Ministry of Food as a deadweight certification centre for pigs under their Fatstock Guarantee Scheme, and 251 were inspected and certified during the year.

Slaughtermen

Licences were issued to eighteen persons residing within the district during the year.

Carcases and Offal Inspected and Condemned in Whole or in Parts

	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses	
Number killed (if known)	175	-	32	564	295	-	
Number inspected	175	-	32	564	295	-	
All diseases except tuberculosis and cysticerci Whole carcases condemned	1	-	-	-	3	-	
Carcases of which some part or organ was condemned	15	-	-	1	6	-	
Percentage of the number inspected affected with diseases other than tuberculosis and cysticerci	9.14	-	-	0.18	-	-	
Tuberculosis only Carcases of which some part or organ was condemned					2		

Food Premises within the District

Parish	Knackers Yards	Butchers Shops	Bake-houses	Fried Fish Shops	Sausage Manufac-turers	Grocers & Green-Grocers	Cafes & Restaurant Kitchens	Public Houses
Ashmansworth	-	-	-	-	-	1	-	1
Baughurst	-	-	-	-	-	4	-	6
Burghclere	-	-	1	-	-	3	-	2
East Woodhay	-	-	1	-	-	4	-	4
Ecchinswell & Sydmonton	-	-	-	-	-	3	1	1
Highclere	-	-	-	-	-	1	1	1
Hurstbourne Priors	-	-	-	-	-	-	1	1
Kingsclere	-	1	3	1	1	12	4	8
Laverstoke	-	-	-	-	-	-	1	2
Newtown	-	-	-	-	-	1	-	-
Overton	-	4	1	1	4	10	5	5
St. Mary Bourne	1	1	-	-	1	6	-	3
Tadley	-	3	-	1	1	10	1	3
Whitchurch	-	5	2	1	5	12	5	11
Totals	1	14	8	4	12	67	19	49

WATER SUPPLIES

114 water samples were taken for bacteriological examination during the year and the following results obtained:-

Parish	Satisfactory			Unsatisfactory			Totals
	Private	Public	Council Houses	Private	Public	Council Houses	
Ashmansworth	-	3	2	-	2	-	7
Baughurst	4	4	3	7	2	-	20
Burghclere	11	2	-	11	-	-	24
East Woodhay	5	1	-	-	-	-	6
Ecchinswell & Sydmonton	1	-	-	2	-	-	3
Highclere	5	1	3	7	-	2	18
Kingsclere	1	7	-	1	-	-	9
Overton	2	6	-	2	-	-	10
St. Mary Bourne	7	5	2	2	-	-	16
Whitchurch	-	1	-	-	-	-	1
Totals	36	30	10	32	4	2	114

Where water sample reports indicated that the supply was not suitable for drinking purposes both owners and occupiers of the dwellings concerned were advised. The occupiers were asked to boil all water used for drinking purposes until further notice. The owners were notified of any defects to the wells which were likely to cause contamination, and instructed to take the necessary steps to abate the nuisance, or in certain cases, where main water was available, the owner was requested to have the premises connected to the main.

Public Water Supplies

There are three major water pumping stations in the rural district situated at Kingsclere, Overton and Whitchurch, and there is one small pumping station at Ashmansworth.

Kingsclere Pumping Station

The new pumping station was officially opened by the Chairman of the Council, Lt. Colonel D. S. Kennedy, D.S.O., on Tuesday, 10th September, 1957.

The pumping station, designed to supply the Northern area of the rural district, will ultimately pump 500,000 gallons of water per day. The station is built above two boreholes, each 33" diameter and 220 ft. and 150 ft. deep. These boreholes were test pumped at 45,000 gallons per hour and will give an estimated safe yield of 750,000 per day. Two vertical spindle borehole pumps, each having a capacity of 30,000 gallons per hour and a pumping head of 25 ft. are suspended approximately 60 ft. below ground level and are shaft driven by motor above floor level.

These pumps supply water which has been chlorinated to the Aerator House, here the water cascades over a number of trays to reduce the carbon dioxide content. The water then gravitates from the Aerator House into the 100,000 gallon surface reservoir where the water level controls the borehole pumps and water is drawn off by three sets of horizontal booster turbine pumps and pumped to the storage reservoirs at Kingsclere (200,000 gallons) and Cottingtons Hill (50,000 gallons) for the North Eastern area and at a future date Beacon Hill for the North Western area. The booster pumps are regulated by the water levels which are indicated and recorded in the Pumping Station.

During the year, new mains were laid and completed in the Baughurst area and the Kingsclere Pumping Station now supplies water to Kingsclere, Hannington, Ashford Hill, Headley, Ecchinswell, Bishops Green and Baughurst, apart from the 100,000 gallon service reservoir at the Pumping Station, there are three reservoirs at Cottingtons Hill (50,000 gallons), The Playfield, Kingsclere (50,000 gallons) and Yew Tree Farm, Kingsclere (200,000 gallons), giving a total storage capacity of 300,000 gallons.

Overton Pumping Station supplies Overton and part of Laverstoke. During the year, work commenced on laying one and a half miles of 9" diameter pumping main, the construction of a 500,000 gallon reinforced concrete reservoir at White Hill, and also the provision of new pumps. The laying of the pumping main and construction of the reservoir is completed and the installation of the new pumps should be completed very early in 1958.

The provision of these new works will ensure that Overton will no longer suffer from a curtailed water supply when an electrical breakdown occurs and Whitchurch and St. Mary Bourne will be able to be supplied with water from the Overton Reservoir in the event of a breakdown at the Whitchurch Pumping Station.

The Whitchurch Pumping Station supplies the parishes of Whitchurch, St. Mary Bourne and Hurstbourne Priors, and a bulk supply is afforded to Longparish in the Rural District of Andover.

There are two reservoirs, one situated at the Pumping Station (180,000 gallons) and a 35,000 gallon reservoir at Hurstbourne Park, giving a total of 215,000 gallon storage.

During the year, work has commenced on renewing the water mains at Whitchurch. The old mains have become increasingly troublesome during the past few years and much unnecessary pumping has been caused through excessive leakage.

Ashmansworth Pumping Station supplies part of the parish of Ashmansworth and has an elevated reservoir with a storage capacity of 20,000 gallons.

Bulk supplies are taken from Newbury Corporation for the supply of water to Newtown, Burghclere and parts of East Woodhay. The Parish of Tadley is supplied with water by the Mid Wessex Water Company. At East Woodhay there is a storage capacity of 100,000 gallons.

The total number of premises served by mains supply in the district is as follows:-

Private connections (Council's Mains)	-	3,104
Private connections (Mid Wessex Mains)	-	924
Metered connections to farms and business premises	-	451
Total premises connected		4,479

Number of new connections made to Council's mains during the year was 473 and to the Mid Wessex main 73.

Total amount of water pumped during the year	-	194,526,450 gallons
Bulk supply received from Newbury Corporation	-	28,813,000 gallons
Total	-	223,339,450 gallons

Estimated supply from the Mid Wessex Main to the parish of Tadley was 28,080,000 gallons.

Samples, both bacteriological and chemical, were taken from all public supplies during the year and were found to be satisfactory.

REFUSE

Refuse is collected weekly throughout the Rural District, which is divided into three areas.

Area No. 1. Comprises the parishes of East Woodhay, Highclere, Newtown, Burghclere, Ashmansworth, Litchfield, St. Mary Bourne and Hurstbourne Priors. The average number of bins emptied each week is 2,100, and the average weekly mileage is 210.

Area No. 2. Comprises the parishes of Whitchurch, Overton and Laverstoke. The average number of bins emptied each week is 1,700, and the average weekly mileage is 140.

Area No. 3. Comprises the parishes of Ecchinswell, Kingsclere, Tadley and Baughurst. The average number of bins emptied each week is 2,000 and the average weekly mileage is 290.

The Council's tips are well maintained but some nuisance from fly infestation was experienced during the year, especially from the tip at Overton. In view of its close proximity to dwellings, the tip was closed and the refuse from that area deposited at the Kingsclere tip.

The tips are regularly treated with tip dressing and a considerable quantity was used during the summer months. The Rodent Officer makes regular inspections and takes any action found necessary and as a result no nuisance arose from rat infestation.

The Council have tips situated in the district as follows:-

Kingsclere St. Mary Bourne Tadley

The tip at Tadley is almost filled and another tip situated in the Ashford Hill area will be brought into use.

The amount of refuse collected during the year amounted to 5,475 tons and consisted mostly of ashes, tins and paper. The amount of paper put into refuse bins is considerable and it would be of enormous help if householders would endeavour to burn the dirty and useless paper instead of placing it in the refuse bins. This would materially help to reduce the cost of refuse collection.

SEWAGE DISPOSAL

Sewage Works owned by the Council are situated at Kingsclere, Overton, Whitchurch and Silchester (Tadley Sewage Works). There is also a Sewage Pumping Station at Laverstoke which pumps sewage from Laverstoke to the Overton Sewage Pumping Station.

In the parishes of Overton and Whitchurch, the sewage is raised by pumps to settling tanks and filter beds and the effluent is dealt with by land irrigation.

The new sewage works at Kingsclere were completed in October. This is an up-to-date plant consisting of grit channels, recorder storm weir, two settlement tanks, two storm water tanks, dosing siphon, two circular filters, two humus tanks, small pumping station and ten sludge drying beds. The plant is designed to deal with a flow of 3,625 gallons per hour.

In addition, new sewers were laid to The Dell, along Winchester Road as far as Park House, and along the Newbury Road as far as The Star Public House.

The disposal works are situated about 1½ miles along Union Lane, and well away from the built up area. These new works have replaced the old and obsolete system and the provision of additional sewers has enabled most of the dwellings situated in Kingsclere to be connected.

The large modern sewage works constructed at Silchester to deal with sewage from Tadley, also deals with the domestic and trade sewage from the Atomic Weapons Research Establishment at Aldermaston, and also the Housing Estates belonging to the Establishment.

There is also a sewage works situated at Bishops Green, Ecchinswell, owned by the Air Ministry. These works take the domestic sewage from Gr enham Common Airfield (situated in Berkshire) and the Council by agreement discharges the domestic sewage from some 100 dwellings at Bishops Green into these works.

Number of premises connected to sewer	-	1,874
Number of new connections during year	-	427
Total number of premises connected	-	2,201

The total number of gallons of sewage pumped during the year from the pumping stations was 212,353,500 gallons.

In addition to these major sewage works there are 18 small sewage disposal plants dealing with sewage from the undermentioned Council House Sites:-

		Number of houses served
Ashmansworth		6
Ashford Hill	- Holt Cottages	12
	Inhurst	8
Burghclere	- Breachfield	46
Highclere	- Penwood	18
	Highclere Street	6
Newtown	- Jonathan Hill	14
East Woodhay	- Copner	12
	Tile Barn	16
St. Mary Bourne	- Queens Cottages	4
	Fishers Field	12
	Stevens Green	17
	Swampton	5
	Batsford	6
	Stoke	4
Headley	- Thornfield	18
Tadley	- Mothes Meadow, Hill Meadow	15
Wolverton	- Townsend	6
		225

In the remainder of the district, sewage is dealt with by

(a) Septic tank or Cesspool (b) Earth Closet, as follows:-

Parish	Earth Closets	Septic Tanks
Ashmansworth	44	34
Baughurst	154	114
Burghclere	182	135
East Woodhay	341	196
Ecchinswell and Sydmonton	131	42
Highclere	78	90
Hurstbourne Priors	114	17
Kingsclere	444	208
Laverstoke	44	-
Litchfield and Woodcott	36	20
Newtown	36	47
Overton	205	118
St. Mary Bourne	144	218
Tadley	348	149
Whitchurch	321	67

Prevention of Damage by Pests Act 1949

Rodent Control Work for the 12 months ending December, 1957

	Dwelling Houses	Business Premises	Agricultural Properties
Number of Properties Inspected			
Inspected under the Act	2,742	160	379
Inspected at request of occupiers	213	16	52
Number of Properties Treated	1,095	9	45

Local Authority Properties — Inspected weekly.

Tips and sewage disposals being kept under constant treatment.

Materials used - 61 cwts. Oatmeal.
448 lbs. Warfarin (5).

Storage of Petroleum

Licences to store petroleum spirit were issued to 80 applicants situated as follows:-

Ashmansworth	2
Baughurst	4
Burghclere	2
East Woodhay	4
Ecchinswell & Sydmonton	3
Highclere	7
Hurstbourne Priors	2
Kingsclere	9
Newtown	1
Overton	10
St. Mary Bourne	12
Tadley	2
Whitchurch	12
Hannington	2
Headley	5
Wolverton	1
Woolton Hill	2

The total amount of petroleum stored under licence within the district is:-

109,114 gallons.

Game Licences

Number of licences issued during the year - 10.

Factories

The following factories are situated within the Rural District:-

Paper Mills	2	Shoe Repair Shops	2
Gas Works	1	Blacksmiths' Works	5
Soap Works	1	Agricultural Engineers	2
Garage and Engineering	25	Dry Cleaners	1
Silk Mills	1	Bakeries	9
Joinery Works	12	Lime Kiln	1
Laundries	1	Quilters	1

RAINFALL - 1957

Three rain gauges are located in the Rural District and are situated as follows:-

1. The Council Offices, Kingsclere.
2. The Tadley Sewage Works, Inhams Copse, Silchester.
3. The Council Depot, Whitchurch.

(Rainfall recorded - 1955 - 25.96 inches. 1956 - 27.646 inches)

1. Rainfall recorded at The Council Offices, Kingsclere.

Total for the year	-	29.415 inches
Wettest month, January	-	4.37 inches
Driest month, April	-	.22 inches

The heaviest rainfall on August 9th when 1.17 inches was recorded.

Rain fell on 136 days.

2. Rainfall recorded at Tadley Sewage Works, Inhams Copse, Silchester.

Total for the year	-	26.486 inches.
Wettest month, July	-	4.29 inches
Driest month, April		.235 inches

The heaviest rainfall on November 2nd when 1.14 inches was recorded.

Rain fell on 158 days.

3. Rainfall recorded at The Depot, Whitchurch.

Total for the year	-	29.868 inches
Wettest month, July	-	6.27 inches
Driest month, April	-	.12 inches

The heaviest rainfall on July 4th, when 2.10 inches was recorded.

Rain fell on 140 days.

APPENDIX 'A'

Inspections of Factories

Factories Acts, 1937 & 1948.

1. Inspections for purposes of provisions as to health (including inspections made by the Public Health Inspector)

Premises	Number on Register	Number of Inspections	Number of Written Notices	Occupiers Prosecuted
(1)Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities	-	-	-	-
(2)Factories not included in (1) in which Section 7 is enforced by the Local Authority	62	13	4	-
(3)Other premises in which Section 7 is enforced by the Local Authority(excluding out-workers premises.)	34	67	4	-
	96	80	8	-

2. Cases in which defects were found.

Particulars	Number of cases in which defects were found: Found	Remedied	Referred: To H.M. Inspector	Referred: By H.M. Inspector	Number of cases in which prosecutions were instituted
Want of cleanliness(S1)	2	2	-	-	-
Overcrowding(S2)	-	-	-	-	-
Unreasonable temperature(S3)	-	-	-	-	-
Inadequate ventilation(S4)	-	-	-	-	-
Ineffective drainage of floors(S6)	-	-	-	-	-
Sanitary Conveniences(S7)					
(a)Insufficient	-	-	-	-	-
(b)Unsuitable or defective	3	3	-	-	-
(c)Not separate for sexes	1	1	-	-	-
Other offences against the Act (not including offences relating to Outwork)	4	4	-	-	-
	10	10	-	-	-

Tuberculosis

Age Periods	New Cases and Transfers						Deaths					
	Respiratory			Non-Respiratory			Respiratory			Non-Respiratory		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
0 -												
1 -		2	2									
5 -		1	1									
15 -		1	1									
25 -	1	5	6									
35 -	4	3	7	1		1						
45 -	4		4									
55 -	1		1									
65 and upwards	1		1									
Age Unknown		1	1									
Total	11	13	24	1		1						

Cases on Tuberculosis Register on 31st December, 1957.
(31st December, 1956, in brackets)

	Male		Female		Total	
Respiratory	67	(58)	63	(51)	130	(109)
Non-Respiratory	14	(12)	23	(22)	37	(34)
Total	81	(70)	86	(73)	167	(143)

During the year, the number of cases on the Tuberculosis Register has increased by 24 as shown in the second Table. There were 11 new cases - 9 pulmonary and 2 non-pulmonary, and 14 transfers - 13 pulmonary and 1 non-pulmonary - from other districts. 1 case was later removed from the Register, as the diagnosis was not established.

Prevalence of and Control over Infectious and Other Diseases

Final numbers according to sex and age after corrections of cases of infectious and other notifiable diseases notified during the year ended 31st December, 1957:-

Age Periods	Scarlet Fever			Whooping Cough			Measles			Acute Poliomyelitis Paralytic		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
Under 1 year				3	3	6	3		3			
1 year				2	1	3	7	6	13			
2 years					3	3	8	3	11			
3 years	1		1		3	3	10	10	20			
4 years		1	1	2		2	7	6	13			
5 - 9 years	1	3	4	6	11	17	44	57	101		1	1
10 -14 years				1		1	4	2	6			
15 -24 years							1	1	2			
25 and over												
Age Unknown							2	2	4			
Total(All Ages)	2	4	6	14	21	35	86	87	173		1	1

Age Periods	Acute Pneumonia			Erysipelas		
	M	F	Total	M	F	Total
Under 5 years	1	1	2			
5 -14 years	1		1	1		1
15 -44 years	1	4	5		1	1
45 -64 years	2	4	6			
65 and over	2	3	5	1		1
Age Unknown						
Total(All Ages)	7	12	19	2	1	3

Diphtheria and Whooping Cough Immunisations Completed During the Year 1957

Age at date of final primary injection (as regards Col. 2) or of reinforcing injection (as regards Col. 3)	Number of children who completed a full course of primary Immunisation	Number of children who received a reinforcing injection
Diphtheria alone		
Under 1 year	1	-
1 - 4 years	3	
5 - 14 years	6	28
Total	10	28
Diphtheria/Whooping Cough Combined		
Under 1 year	3	1
1 - 4 years	48	3
5 - 14 years	3	12
Total	54	16
Diphtheria/Whooping Cough/Tetanus Combined		
Under 1 year	62	-
1 - 4 years	177	24
5 - 14 years	7	36
Total	246	60
Whooping Cough Alone		
Under 1 year	1	-
1 - 4 years	4	-
5 - 14 years	2	-
Total	7	-

Vaccinations (Smallpox)

Number Vaccinated	Under 1	1	2-4	5-14	15 & over	Total
1st January-30th June	118	6	5	7	10	146
1st July-31st December	140	3	16	7	5	171
Number Re-Vaccinated						
1st January-30th June	-	-	-	1	11	12
1st July-31st December	-	-	3	6	13	22
						351

APPENDIX 'E'

Table of Deaths

	Male		Female		Total	
Tuberculosis, respiratory	0	(0)	0	(0)	0	(0)
Tuberculosis, other	0	(0)	0	(0)	0	(0)
Syphilitic disease	1	(0)	0	(0)	1	(0)
Diphtheria	0	(0)	0	(0)	0	(0)
Whooping Cough	0	(0)	0	(1)	0	(1)
Meningococcal infections	0	(0)	0	(0)	0	(0)
Acute poliomyelitis	0	(0)	0	(0)	0	(0)
Measles	0	(0)	0	(0)	0	(0)
Other infective and parasitic diseases	1	(1)	0	(0)	1	(1)
Malignant neoplasm, stomach	0	(1)	5	(1)	5	(2)
Malignant neoplasm, lung, bronchus	5	(2)	0	(0)	5	(2)
Malignant neoplasm, breast	0	(0)	2	(4)	2	(4)
Malignant neoplasm, uterus	0	(0)	1	(2)	1	(2)
Other malignant and lymphatic neoplasms	11	(10)	10	(4)	21	(14)
Leukaemia, aleukaemia	1	(2)	1	(1)	2	(3)
Diabetes	1	(0)	4	(0)	5	(0)
Vascular lesions of nervous system	15	(10)	20	(15)	35	(25)
Coronary disease, angina	13	(18)	8	(1)	21	(19)
Hypertension with heart disease	3	(0)	2	(2)	5	(2)
Other heart disease	24	(47)	22	(25)	46	(72)
Other circulatory disease	2	(4)	3	(2)	5	(6)
Influenza	1	(0)	1	(0)	2	(0)
Pneumonia	3	(4)	3	(5)	6	(9)
Bronchitis	0	(2)	1	(2)	1	(4)
Other diseases of respiratory system	2	(1)	0	(0)	2	(1)
Ulcer of stomach and duodenum	0	(2)	2	(1)	2	(3)
Gastritis, enteritis and diarrhoea	0	(0)	1	(0)	1	(0)
Nephritis and nephrosis	2	(0)	0	(0)	2	(0)
Hyperplasia of prostate	2	(3)	0	(0)	2	(3)
Pregnancy, childbirth, abortion	0	(0)	0	(0)	0	(0)
Congenital malformations	2	(0)	3	(0)	5	(0)
Other defined and ill-defined diseases	7	(8)	12	(7)	19	(15)
Motor vehicle accidents	4	(1)	0	(0)	4	(1)
All other accidents	3	(2)	3	(3)	6	(5)
Suicide	0	(1)	1	(1)	1	(2)
Homicide and operations of war	0	(0)	0	(0)	0	(0)
All causes	103	(119)	105	(77)	208	(196)

APPENDIX 'F'

County Health Services

Health Visitors

Miss E. W. Edwards

Miss E. Brady

Miss N. White

Mrs. D. Taylor

District Nurse/Midwives

Bourne Valley - District Nurse/Midwife/Health Visitor

Miss J. Parnell

Kingsclere

Mrs. J. Dann

Burghclere

Miss I. Fulluck

Highclere - District Nurse/Midwife/Health Visitor

Miss J. A. Bright

Overton

Mrs. A. Marner

Tadley

Mrs. M. L. Smith
Miss O. M. Jepps

Whitchurch

Mrs. N. Bamber

Child Welfare Centres

Bishops Green	The Hall	2nd Tuesday
Burnham Copse	Police Recreation Hall	Every Wednesday
Kingsclere	The Club	2nd Wednesday
Overton	St. Mary's Hall	1st & 3rd Friday
St. Mary Bourne	Parish Room	4th Tuesday
Tadley	Memorial Hall	1st Tuesday
Whitchurch	Church Hall	2nd Friday
Woolton Hill	Parish Hall	3rd Wednesday